

ConocoPhillips Company 6825 South 5300 West P.O. Box 851 Price, UT 84501

December 30, 2005

Ms. Diana Whitney State of Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 SLC. Utah 84114-5801

RE: Application for Permit to Drill: Utah 26-1198, Utah 13-1169, Utah 24-1189, Utah 11-1159, Utah 11-1159, Utah 11-1157, Utah 26-1197, Utah 2-1264, Utah 9-1237, Utah 4-1267

Dear Ms. Whitney:

Please find enclosed an Application for Permit to Drill (APD) for the following wells:

Utah 26-1198, Utah 13-1169, Utah 24-1189, Utah 11-1159, Utah 11-1158, Utah 11-1157, Utah 26-1197, Utah 2-1264, Utah 9-1237, and Utah 4-1267.

Please accept this letter as ConocoPhillips' written request for confidential treatment of all information contained in and pertaining to this permit application, if said information is eligible for such consideration.

Thank you very much for your timely consideration of this application. Please feel free to contact me if you have any questions.

Sincerely,

Jean Semborski

Construction/Asset Integrity Supervisor

cc: Mr. Eric Jones, BLM, Moab, Utah

Mr. John Albert, Chevron

Mr. John Lennon, Dominion Resources

Inforsti

Mr. Don Stephens, BLM, Price, Utah

Ms. Debbie Marberry, ConocoPhillips

Mr. Kile Thompson, ConocoPhillips

Mr. Mark Jones, DOGM, Price, Utah

Mr. Ed Bonner, SITLA

ConocoPhillips Well File

RECEIVED
JAN 0 5 2006

DIV. OF OIL, GAS & MINING

### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL. GAS AND MINING

|           | FORM  | 3 |
|-----------|-------|---|
| ENDED DEC | ODT [ | _ |

|                       |  |                        | ועוט              | SION OF OIL                           | , <b>OAO</b> AI |                       |              | (high                             | light changes)      |
|-----------------------|--|------------------------|-------------------|---------------------------------------|-----------------|-----------------------|--------------|-----------------------------------|---------------------|
|                       | A  | PPLICAT                | ION FOR F         | PERMIT TO                             | DRILL           |                       |              | 5. MINERAL LEASE NO: ML-39333     | 6. SURFACE<br>State |
|                       |  | 7. IF INDIAN, ALLOTTEE | OR TRIBE NAME:    |                                       |                 |                       |              |                                   |                     |
| 1A. TYPE OF WOR       | rk: DF   | RILL 🔽                 | REENTER           | DEEPEN [                              |                 |                       |              | N/A                               |                     |
| B. TYPE OF WELL       | B. TYPE OF WELL: OIL GAS OTHER SINGLE ZONE MULTIPLE ZONE |                        |                   |                                       |                 |                       |              |                                   | sh UTU-67921X       |
| 2. NAME OF OPER       |  |                        |                   |                                       |                 |                       |              | 9. WELL NAME and NUM Utah 11-1159 | BER:                |
|                       | MIOCOF TIMIPS COMPANY                                    |                        |                   |                                       |                 |                       |              | 10. FIELD AND POOL, OF            | P MILENCAT          |
| P.O. Box 85           | O. Box 851 Price STATE UT 219 84501 (435) 613-9777       |                        |                   |                                       |                 |                       |              | Drunkards Was                     | sh 🛂                |
| 4. LOCATION OF V      | WELL (FOOTAGE  | S)                     | 510400            | ex 39                                 | 5284            | 54                    |              | MERIDIAN:                         | TOWNSELF NAME       |
| AT SURFACE:           | 211' FSL, 2  | 2199' FEL              |                   |                                       |                 |                       |              | SWSE 11 1                         | 15S 9E              |
| AT PROPOSED           | PRODUCING ZON  | NE: Same as            | Surface           | 111 YOY - 111                         | ). 878          | 926                   |              |                                   | *                   |
| 14. DISTANCE IN       | MILES AND DIRE   | CTION FROM NEA         | REST TOWN OR POS  | ST OFFICE:                            |                 |                       |              | 12. COUNTY:                       | 13. STATE:<br>UTAH  |
| 4.9 miles             | southwest  | of Price, Uta          | h                 |                                       |                 |                       |              | Carbon                            |                     |
|                       |  | ERTY OR LEASE L        |                   | 16. NUMBER OF                         | ACRES IN LEA    | ISE:                  | 17.          | NUMBER OF ACRES ASSIG             | NED TO THIS WELL:   |
| 211 feet              |  |                        |                   |                                       |                 | 640 acre              | s            |                                   | 160 acres           |
| 18 DISTANCE TO        | NEAREST WELL   | (DRILLING, COMF        | LETED, OR         | 19. PROPOSED                          | DEPTH:          |                       | 20.          | BOND DESCRIPTION:                 |                     |
| APPLIED FOR 1500 feet | ON THIS LEASE  | (FEET)                 |                   |                                       |                 | 2,686                 |              | Rotary ESTIMATED DURATION:        |                     |
| 21. ELEVATIONS        | (SHOW WHETHE   | R DF, RT, GR, ETC      | <b>3.)</b> :      | 22. APPROXIMA                         |                 | K WILL START:         | 23.          | ESTIMATED DURATION.               |                     |
| 5895.9' G             | R  |                        |                   | 2/1/2005                              |                 | •                     |              | ·                                 |                     |
| 24.                   |  |                        | PROPOS            | ED CASING AI                          | ND CEME         | NTING PROGRAI         | M .          |                                   |                     |
| SIZE OF HOLE          | CASING SIZE,   | GRADE, AND WEI         | SHT PER FOOT      | SETTING DEPTH                         |                 | CEMENT TYPE,          | QUANTIT      | Y, YIELD, AND SLURRY WE           | IGHT                |
| 15"                   | 12 3/4"  | H 40                   | 40.5#/ft          | 40                                    |                 |                       |              |                                   |                     |
| 11"                   | 8 5/8"   | J-55                   | 24#/ft            | 400                                   | 170 sks         | G+2% CaCl             | 1.18 c       | cu.ft./sk 15.6                    | ppg                 |
| 7 7/8"                | 5 1/2"   | N-80                   | 17#/ft            | 2,676                                 |                 |                       |              | CalSeal 1.61 cu.fl                |                     |
|                       |  |                        |                   |                                       | 210sks 5        | 50/50 POZ +8          | % Ber        | nt+10% CalSeal                    | 1/4 #/sk 12.5pp     |
|                       | ·  |                        |                   | · · · · · · · · · · · · · · · · · · · |                 |                       |              |                                   |                     |
|                       | 0011   | CIDEN!                 | ri A I            |                                       |                 |                       |              |                                   |                     |
| <u></u>               | <del>' CUN</del>   | HUEN                   | HAL               |                                       |                 |                       | . <u>-</u>   |                                   |                     |
| 25.                   |  |                        |                   |                                       | CHMENTS         |                       |              |                                   |                     |
| VERIFY THE FO         | LLOWING ARE AT   | ITACHED IN ACCC        | RDANCE WITH THE I | UTAH OIL AND GAS C                    | ONSERVATIO      | N GENERAL RULES:      |              |                                   |                     |
| WELL PI               | LAT OR MAP PRE   | PARED BY LICENS        | ED SURVEYOR OR E  | ENGINEER                              |                 | OMPLETE DRILLING PL   | AN           |                                   |                     |
| <b>V</b> EVIDEN       | CE OF DIVISION (   | OF WATER RIGHTS        | S APPROVAL FOR US | SE OF WATER                           | ☐ F             | ORM 5, IF OPERATOR IS | S PERSOI     | N OR COMPANY OTHER TH             | IAN THE LEASE OWNER |
|                       | lean   | Semborski              |                   |                                       |                 | rLE Constructio       | n/Ass        | et Integrity Super                | visor               |
|                       | PRINT) Jean  | <u> </u>               | Mil               | •                                     |                 | TE 12                 | /2           | 9/05                              |                     |
| SIGNATURE             | 1/4  | ×_/\(\omega\)          | MIVU ~            |                                       |                 |                       | / _          |                                   |                     |
| (This space for St    | ate use only)  |                        |                   | · <b>G</b> ERTALIS. <b>A.</b>         | -               | t by the              | The state of |                                   |                     |

PI NUMBER ASSIGNED: 43-067-31101

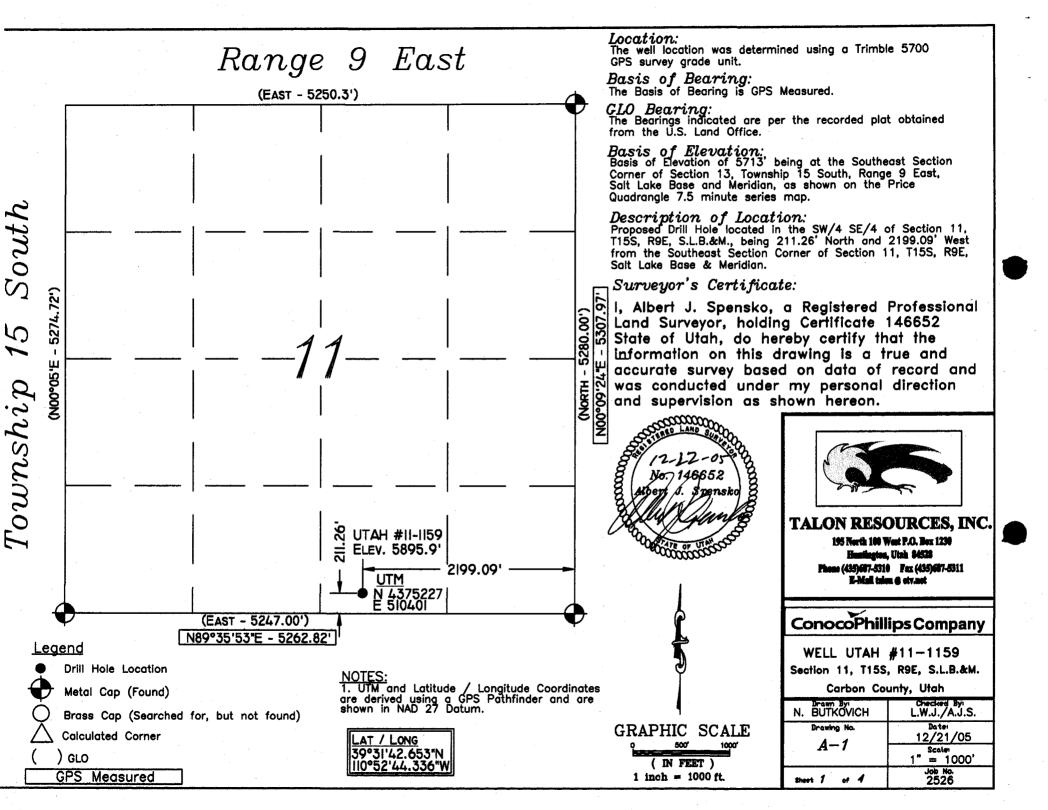
Utah Division of Oil, Gas and Mining

Date: 02-26-06

RECEIVED

JAN 0 5 2006

DIV. OF OIL, GAS & MINING



### EXHIBIT "D" DRILLING PROGRAM

Attached to Form 3
ConocoPhillips Company
Utah 11-1159
SW/4, SE/4, Sec.11, T15S, R9E, SLB & M
211' FSL, 2199' FEL
Carbon County, Utah

### 1. The Surface Geologic Formation

**Mancos Shale** 

### 2. Estimated Tops of Important Geologic Markers

Blue Gate/Ferron 2206'

### 3. Projected Gas & H2O zones (Ferron Formation)

Coals and sandstones 2224' - 2331'

No groundwater is expected to be encountered.

Casing & cementing will be done to protect potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits.

All indications of usable water will be reported.

Surface casing will be tested to 500 psi and Production casing tested to 1500 psi with a minimum of 1 psi/ft of the last casing string depth

### 4. The Proposed Casing and Cementing Programs

| Casing Size | Wt/Ft           | Grade                     | Joint  | Depth set                                   |
|-------------|-----------------|---------------------------|--|---|
| 12 ¾"       | 40.5            | H-40                      | ST&C   | 0-50'                                       |
| 8 5/8"      | 24.0            | J-55                      | ST&C   | 0-400'                                      |
| 5 ½"        | 17.0            | N-80                      | LT&C   | 0-2676                                      |
|             | 12 ¾"<br>8 5/8" | 12 ¾" 40.5<br>8 5/8" 24.0 | 12 <sup>3</sup> / <sub>4</sub> " 40.5 H-40<br>8 5/8" 24.0 J-55 | 12 ¾" 40.5 H-40 ST&C  8 5/8" 24.0 J-55 ST&C |

### **Cementing Program**

The 8 5/8" surface casing will be set with approximately 170 sacks Class G or Type V cement with 2% CaCl<sub>2</sub> mixed at 15.6 ppg (yield =1.18 ft<sup>3</sup>/sx). The cement will be circulated back to surface with 100% excess.

The 5  $\frac{1}{2}$ " production casing will be set and cemented using a two stage cementing process. This entails setting casing to total TD and running a DV tool to approximately 300' of the top of the Ferron.

The 1<sup>st</sup> Stage of cement will then be pumped to approximately 50' from the DV tool. After cement is pumped, the cement cap will be removed and a wiper plug installed. The cement cap will then be screwed back on and a wiper plug will be displaced to TD. The cement cap will be removed and the DV tool bomb will be dropped followed by the 2<sup>nd</sup> Stage wiper plug. (This is done to open the DV tool and establish circulation.) Once circulation is established, circulation will continue at approximately 1 bpm for 4 hours while waiting on cement (WOC). WOC at a minimum of 4 hours before beginning 2<sup>nd</sup> stage cement job. After the 2<sup>nd</sup> Stage has been pumped, a top wiper plug will be dropped and displaced with water (or water spacer and mud). Shut in well and WOC.

The 5 ½" production casing will be set with approximately 100 sacks of Standard Cement, 10% Cal Seal 60 (accelerator), 1% Calcium Chloride (accelerator), ¼ lbm/sk Flocele (lost circulation additive) with a yield of 1.61 ft³/sx at 14.2 ppg; calculated with an excess of 35% for the 1st Stage. For the 2nd stage, approximately 210 sx of 50/50 POZ Premium cement, 8% Bentonite (light weight additive), 10% Cal Seal 60 (accelerator), ¼ lbm/sk Flocele (lost circulation additive) with a yield of 1.98 ft³/sx at 12.5 ppg; calculated with an excess of 30% for the 2nd Stage.

The above cement volumes are approximate and are calculated under the assumption that a gauge hole will be achieved. If the cement does not return to surface, a cement bond log will be run to determine the top of cement. In the case where the cement is below the surface casing shoe, the casing will be perforated and squeeze cemented to the surface. If the cement is above the surface casing shoe, cement will be one-inched to the surface.

### The following shall be entered in the driller's log:

- 1) Blowout preventer pressure tests, including test pressures and results;
- 2) Blowout preventer tests for proper functioning;
- 3) Blowout prevention drills conducted;
- 4) Casing run, including size, grade, weight, and depth set;
- 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
- 6) Waiting on cement time for each casing string;
- 7) Casing pressure tests after cementing, including test pressures and results.

### 5. The Operator's Minimum Specifications for Pressure Control

Exhibit "G" is a schematic diagram of the blowout preventer equipment. A double gate 3000 psi BOPE will be used with a rotating head. This equipment will be tested to 2000 psi. All tests will be recorded in a Driller's Report Book. Physical operation of BOP's will be checked on each trip.

### 6. The Type and Characteristics of the Proposed Circulating Muds

0-400 11" hole Drill with air, will mud-up if necessary.

400-TD 7 7/8" hole Drill with air, will mud-up if necessary.

400 psi @ 1400-1600 cfm

### 7. The Testing, Logging and Coring Programs are as followed

400-TD Gamma Ray, Neutron Porosity, CBL

### Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is about 1169 psi max., however due to offset production pressures may be much lower. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

8. Anticipated Starting Date and Duration of the Operations.

The well will be drilled around February 1, 2005

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.

### **SURFACE USE PLAN**

Attached to Form 3
ConocoPhillips Company
Utah 11-1159
SW/4, SE/4, Sec.11, T15S, R9E, SLB & M
211' FSL, 2199' FEL
Carbon County, Utah

1. Existing Roads

- a. We do not plan to change, alter or improve upon any existing state or county roads.
- b. Existing roads will be maintained in the same or better condition. See Exhibit "B".

### 2. Planned Access

Approximately 1,000' of new access is required (Refer to Drawing L-1)

- a. Maximum Width: 24' travel surface with 27' base
- b. Maximum grade: 7%
- c. Turnouts: None
- d. Drainage design: 2 culverts may be required. Water will be diverted around well pad as necessary.
- e. If the well is productive, the road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.
- f. Pipe and power lines will follow the proposed access road.

### 3. Location of Existing Wells

a. Refer to Drawing L-1.

### 4. Location of Existing and/or Proposed Facilities

- a. If the well is a producer, installation of production facilities will be as shown on Exhibit "H". Buried powerlines run along access on the east and north, gathering lines on the south or west.
- b. Rehabilitation of all pad areas not used for production facilities will be made in accordance with landowner stipulations.

### 5. Location and Type of Water Supply

- a. Water to be used for drilling will be purchased from the Price River Water Improvement District (a local source of municipal water) (tel. 435-637-6350).
- b. Water will be transported by truck over approved access roads.
- c. No water well is to be drilled for this location.

### 6. Source of Construction Materials

- a. Any necessary construction materials needed will be obtained locally and hauled to the location on existing roads.
- b. No construction or surfacing materials will be taken from Federal/Indian land.

### 7. Methods for handling waste disposal

- a. As the well will be air drilled, a small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will not be lined unless conditions encountered during construction warrant it or if deemed necessary by the DOGM representative during the pre-site inspection. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after drilling operation cease with woven wire topped with barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.
- b. Following drilling, the liquid waste will be evaporated from the pit and the pit back-filled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or location.
- c. In the event fluids are produced, any oil will be retained in tankage until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.
- d. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

### 8. Ancillary Facilities

a. We anticipate no need for ancillary facilities with the exception of one trailer to be located on the drill site.

### 9. Wellsite Layout

- a. Available topsoil will be removed from the location and stockpiled. Location of mud tanks, reserve and berm pits, and soil stockpiles will be located as shown on the attachments.
- b. A blooie pit will be located 100' from the drill hole. A line will be placed on the surface from the center hole to the pit. The pit will not be lined, but will be fenced on four sides to protect livestock/wildlife.
- c. Access to the well pad will be as shown on Drawing A-2 and L-1.
- d. Natural runoff will be diverted around the well pad.

### 10. Plans for Restoration of Surface

- a. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum.
- b. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.
- c. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.

### 11. Surface Ownership:

a. The wellsite and access road will be constructed on lands owned by the School and Institutional Trust Lands Administration. The operator shall contact the landowner representative and the Division of Oil, Gas and mining 48 hours prior to beginning construction activities.

#### 12. Other Information:

- a. The primary surface use is farming and grazing. The nearest dwelling is approximately <u>3 miles East</u>
- b. Nearest live water is the Miller Creek 5000' South
- c. If there is snow on the ground when construction begins, it will be removed before the soil is disturbed and piled downhill from the topsoil stockpile location.
- d. The backslope and foreslope will be constructed no steeper than 4:1.
- e. All equipment and vehicles will be confined to the access road and well pad.
- f. A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations, shall be on the wellsite during construction and drilling operations.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the Division of Oil, Gas & Mining.

### 13. Company Representative

Jean Semborski
Construction/Asset Integrity Supervisor
ConocoPhillips Company
P.O. Box 851
6825 South 5300 West
Price, Utah 84501
(435) 613-9777
(435) 820-9807

### Mail Approved A.P.D. To:

Company Representative

### **Excavation Contractor**

Larry Jensen, Vice President Nelco Contractors Inc. Vice President (435) 637-3495 (435) 636-5268

### 14. Certification

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by ConocoPhillips Company and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

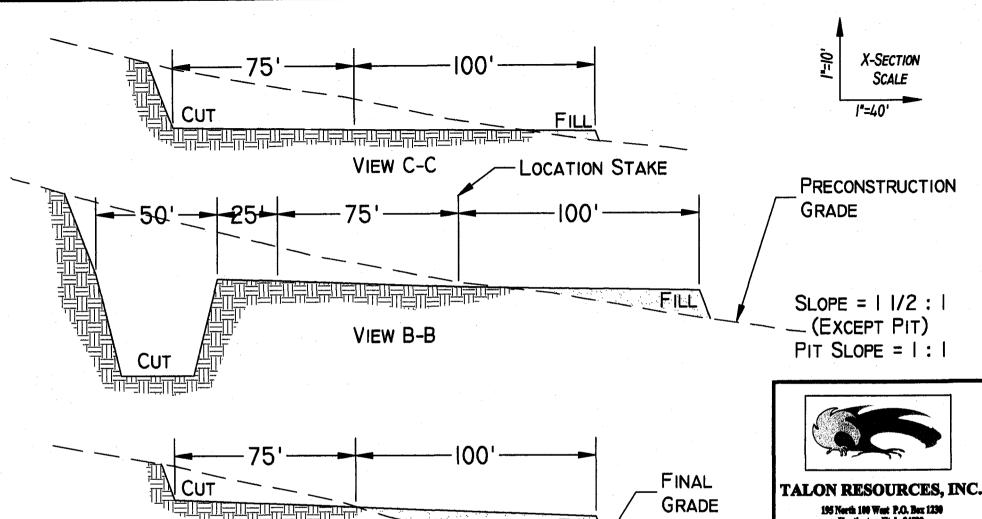
12/29/05 Date

Jean Semborski

Construction/Asset Integrity Supervisor

ConocoPhillips Company

ELEVATION OF UNGRADED GROUND AT LOCATION STAKE = 5895.9' ELEVATION OF GRADED GROUND AT LOCATION STAKE = 5895.4' FILL I.Q' 4.2' FILL 2.8 196 SLOPE .5890 -006g. UTAH #11-1159\ ELEV. 5895.9' CUT 3.3' **CUT 0.5'** -CUT\_0.1 ACCESS ROAD ,50°C CUT 6.2 150. CUT 3.51 TALON RESOURCES, INC. 195 North 100 West P.O. Bez 1230 CUT 3.5' **CUT 5.0** Huntington, Utah \$4528 Phone (435)687-5310 Fax (435)687-5311 3005 50'X50'X10 Conoco Phillips Company PUT LOCATION LAYOUT Section 11, T15S, R9E, S.L.B.&M. WELL UTAH #11-1159 CUT 7.7' -2065 L.W.J. N. BUTKOVICH DATE DRAMMU No. 12/21/05 A-2SCALE: |" = 50" JOB NO. 2126 3 er 2 er 4



VIEW A-A

### APPROXIMATE YARDAGES

CUT

(6")TOPSOIL STRIPPING = 810 CU. YDS.

REMAINING LOCATION = 4,240 CU, YDS.

(INCLUDING TOPSOIL STRIPPING)

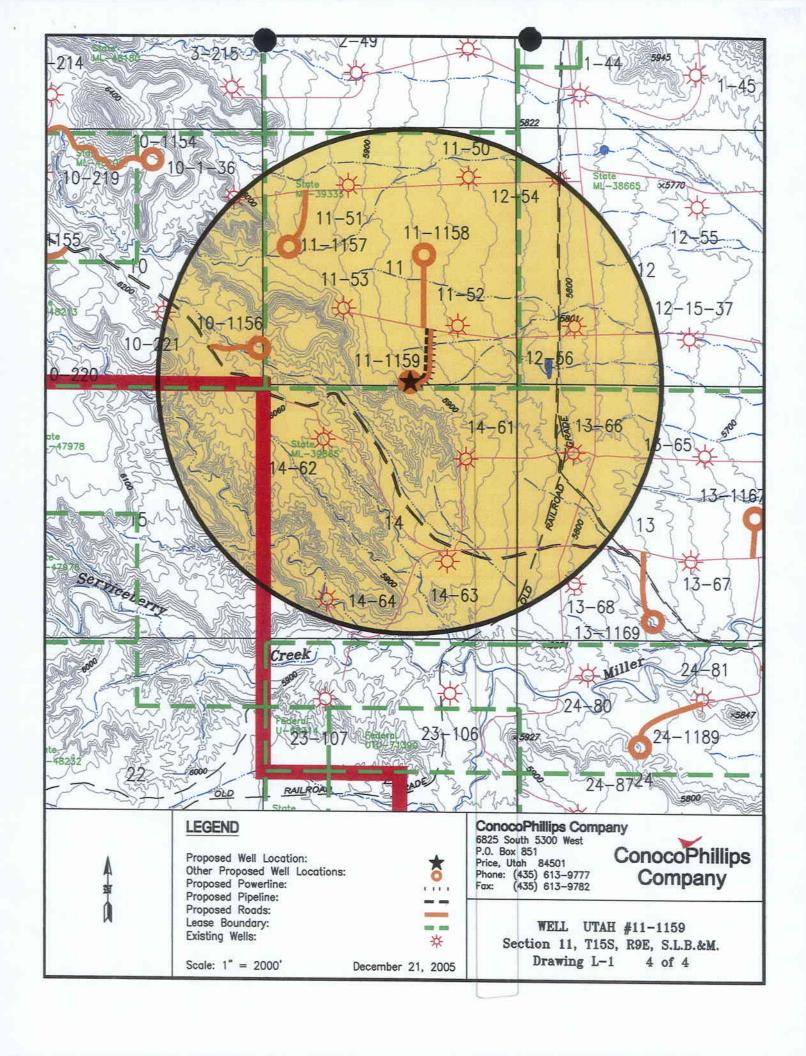
TOTAL CUT (INCLUDING PIT) = 4,990 Cu. YDS.

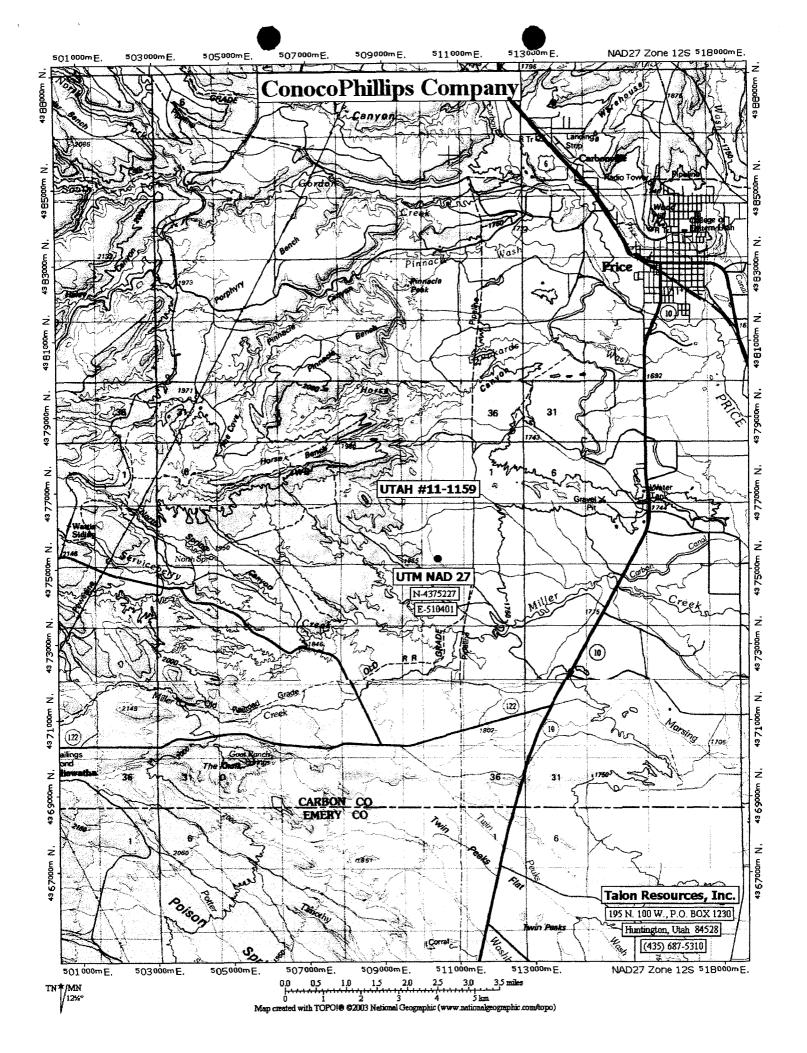
TOTAL FILL = 925 Cu. YDS.

### Conoco Phillips Company

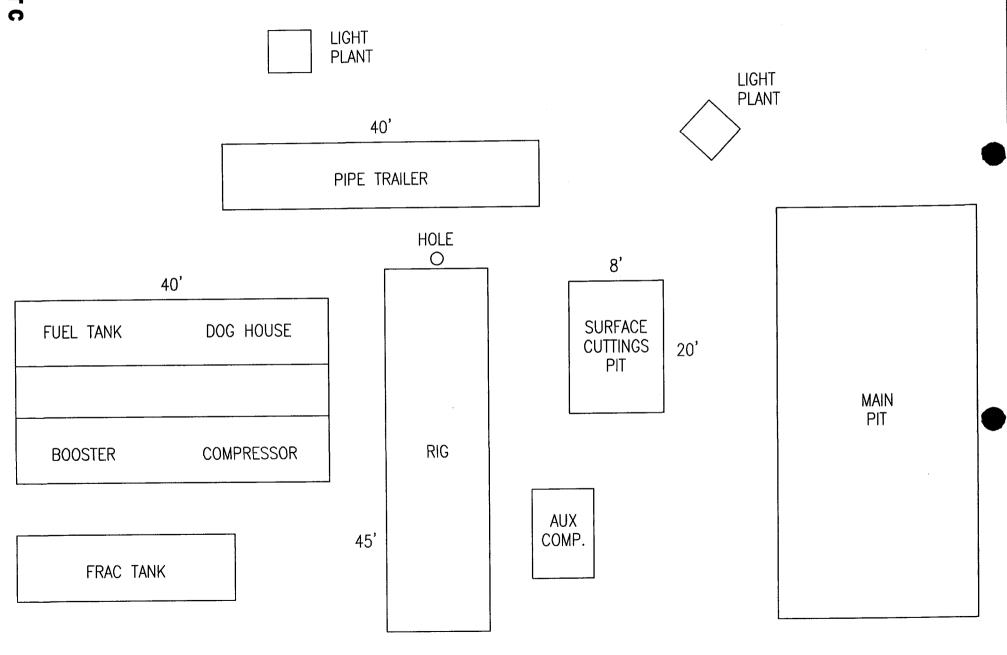
TYPICAL CROSS SECTION Section 11, T15S, R9E, S.L.B.&M. WELL UTAH #11-1159

| DRAWN BY:<br>N. BUTKOVICH | CHECKED BY:<br>L.W.J. |
|---------------------------|-----------------------|
| DRAWING No.               | DATE:<br>12/21/05     |
| C-1                       | Scale:<br> " = 40'    |
| hear 3 or 4               | Jas No.<br>2126       |



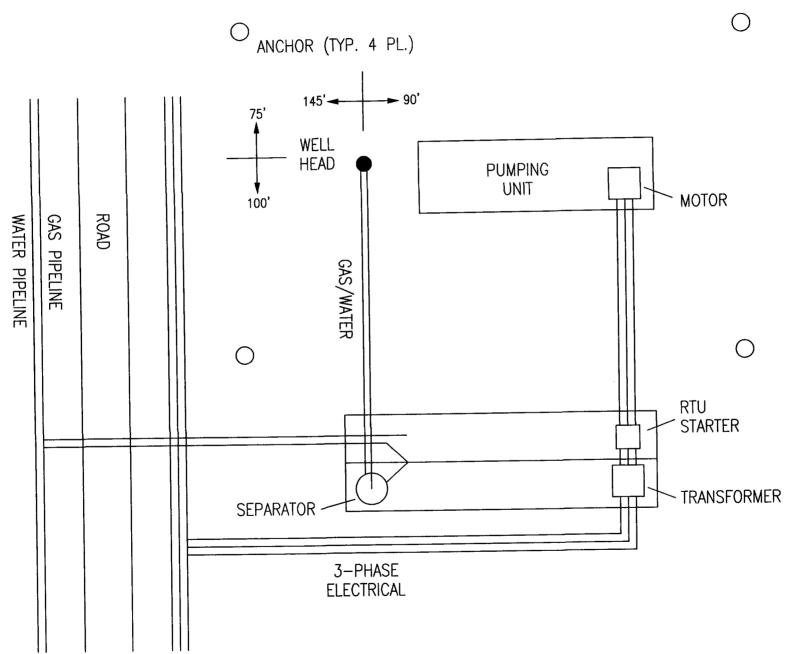


### APPROXIMATE LAYOUT OF RIG & EQUIPMENT

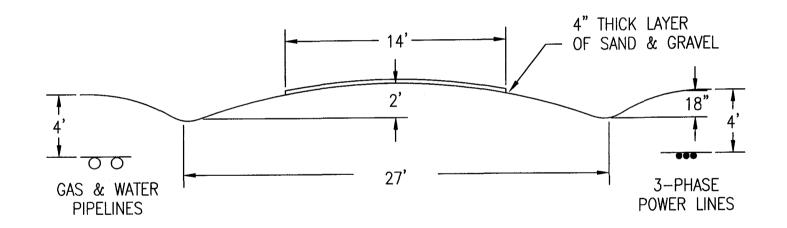


### CONOCO MILLIPS COMPANY

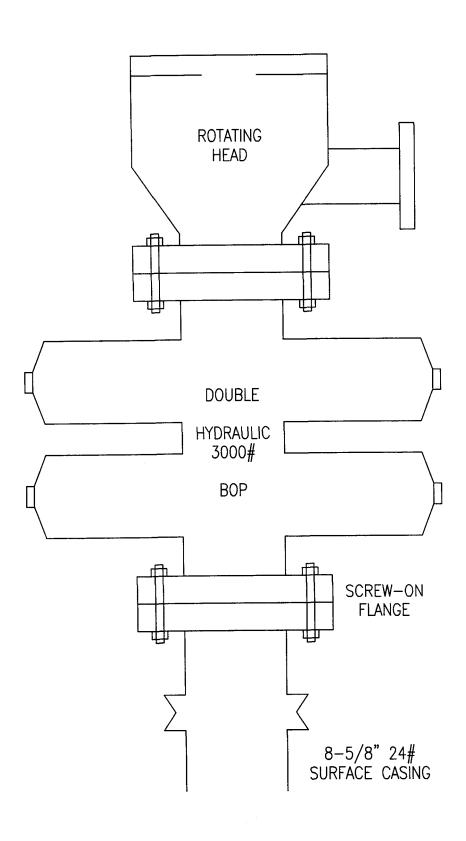
WELL SITE LAYOUT (235' x 175')



# TYPICAL ROAD CROSS-SECTION CONOCOPHILLIPS COMPANY



### <u>DIVERTER HEAD</u> <u>CONOCOPHILLIPS COMPANY</u>



## CONOCOPHILLIPS COMPANY

2" 5M FLANGED CHOKE

5M GATE VALVE (FLANGED)

5M STUDDED CRÒSS

5M GATE VALVE (FLANGED)

5M FLANGED CHÔKE

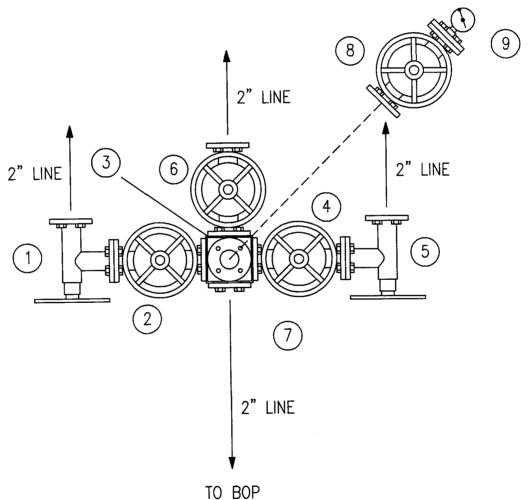
2" 5M ( 2" LINE 5M GATE VALVE (FLANGED)

2" 5M GATE VALVE (FLANGED)

3000# GAUGE

NOTE:

NUMBER 8 GATE VALVE SITS ON TOP OF MANIFOLD BETWEEN STUDDED CROSS AND 3000# GAUGE.



AND A NEW 2" BALL VALVE FULL OPEN 5000 PSI

**MANIFOLD** 

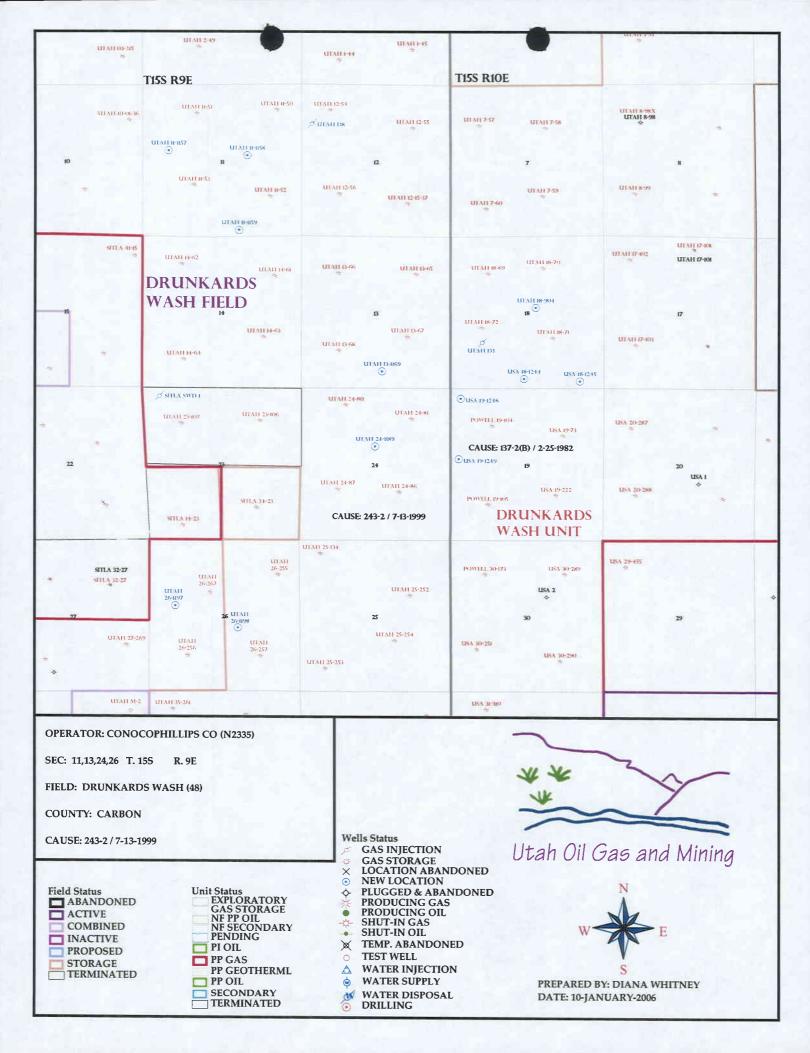
**EXHIBIT H** 

#### FORM 4A

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

| Bond No. 6196922   | DIVISIO  | ON OF OIL, GAS   | AND MINING   |   |   |
|--|--|--|--|---|---|
|  |  | SURETY BO  | OND  |   |   |
| KNOW ALL MEN BY THESE PRES   | ENTS:  |  |  |   |   |
| That we (operator name)CONO and  | COPHILLIPS COM   | PANY   |  |   | as Principal,                                 |
| (surety name) <u>SAFECO INSURAN</u> and qualified to do business in the S  | CE COMPANY OF .<br>State of Utah, are hel                      | AMERICA<br>Id and firmly bound ur  | nto the State of Utah in the   | as Surety   | , duly authorized                             |
| EIGHTY THOUSAND AND I lawful money of the United States, p benefit of the State of Utah for the fa severally by these presents.  | NO/100*******<br>ayable to the Directo<br>ithful payment of wh | **************************************                                   | **************************************   | ollars (\$ <u>80,000.0</u> nt of the State of Utal ninistrators and succe       | )0<br>, for the use and<br>ssors, jointly and |
| THE CONDITION OF THIS OBLIGA<br>repairing, operating, and plugging an<br>oil or gas production and/or the injection  | TION IS SUCH THA<br>d abandonment of a<br>tion and disposal of | AT, WHEREAS the Pi<br>well or wells and rest<br>fluids in connection the | rincipal is or will be engag<br>oring the well site or sites<br>nerewith for the following o | ed in the drilling, redri<br>in the State of Utah fo<br>lescribed land or well: | lling, deepening,<br>the purposes of -        |
| X Blanket Bond:  | To cover all wells of  | drilled in the State of I  | Jtah   |   |   |
| Individual Bond:   |  |  |  | <del></del>   |   |
|  |  |  | Range:   |   |   |
|  | County:  |  | , Utah   |   |   |
| NOW, THEREFORE, if the above bor requirements of the Board of Oil, Gas and well site restoration, then this obline in TESTIMONY WHEREOF, said Priofficers and its corporate or notary se | ligation is void; othe   | erwise, the same shall   | be and remain in full force  | er plugging and aban<br>e and effect.   | donment of wells                              |
| 30th day of Dec  | <u>-                                      </u>                 | 20 0 -   |  |   |   |
| (Corporate or Notary Seal here)  |  |  | ILLLIPS GOMPANY<br>Principal (compar   |   |   |
|  | Ву   | <i>∑u</i> , ∈ς /̄<br>Name (print)  | Hockers  | Carporele:  | <u>Insura</u> nce                             |
| Attestee: S 25/1 at Dat  | · 12:30 02   | Samer  | - 7. Hugh  | Les E   | ———   |
| IN TESTIMONY WHEREOF, said Su to be affixed this   | rety has caused this   | instrument to be sign  |  |   | ite or notary seal                            |
| 1ST day of JANUARY   |  | , 20 <u>_03</u> .  |  |   | •   |
|  |  | SAFECO   | INSURANCE COMPANY<br>Surety Company (Attach F  | OF AMERICA  |   |
| (Corporate or Notary Seal here)  | Ву   | TINA MARIE FO  |  | PRNEY IN FACT   |   |
|  | 4  | Jua.   | VV Qui &   |   |   |
|  | lis<br>e: <u>12/20/2</u> 002                                   | ©/0 MARSH<br>Surety Mailing Addr   |  |   |   |
| CAROLYN E. WHEELER NOTARY PUBLIC MY COMMISSION EXPIRES: NOV. (5/2002)  | EMBER 1, 2006  | P.O. BOX o   | 6012, KNOXVILLE  | State Zi  | <u>7930-6012</u><br>o                         |

| APD RECEIVED: 01/05/2006   | API NO. ASSIGN   | ED: 43-007-311                               | 01              |
|--|--|--|-----------------|
| WELL NAME: UTAH 11-1159  OPERATOR: CONOCOPHILLIPS COMPANY ( N2335 )  CONTACT: JEAN SEMBORSKI   | PHONE NUMBER: 4  | 35-613-9777                                  |                 |
| PROPOSED LOCATION:  SWSE 11 150S 090E  SURFACE: 0211 FSL 2199 FEL  BOTTOM: 0211 FSL 2199 FEL  CARBON  DRUNKARDS WASH (48)  LAT: 39.52845 LONG: -110.8789  LEASE TYPE: 3 - State  LEASE NUMBER: ML-39333  SURFACE OWNER: 3 - State  | INSPECT LOCATA  Tech Review  Engineering  Geology  Surface  PROPOSED FORMATI COALBED METHANE | Initials  Dan  On: FRSD                      | Date 246/06     |
| Plat  Bond: Fed[] Ind[] Sta[] Fee[]  (No. 1016422 )  Potash (Y/N)  NO Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. PRWID )  ACREC Review (Y/N)  (Date: )  NA Fee Surf Agreement (Y/N)  NIA Intent to Commingle (Y/N) | R649-3-3.  Drilling United Board Cause Eff Date: Siting: 40                                  | ASH  General  From Qtr/Qtr & 920'  Exception | 9<br>Committees |
| COMMENTS: Needs Prosite (OI- STEPULATIONS: 1- STATEMENT  |  |  |                 |



### DIVISION OF OIL, GAS AND MINING APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

| OPERATOR:   | ConocoPhillips Company   |
|---|--|
| WELL NAME & NUMBER:   | Utah 11-1159   |
| API NUMBER:   | 43-007-31101   |
| <b>LOCATION</b> : 1/4,1/4 <u>SWSE</u> Sec: <u>1</u>   | <u>11 TWP: 15 S</u> RNG: <u>9 E</u> <u>211 FS</u> L <u>2199</u> F <u>W</u> L   |
| Geology/Ground Water:   |  |
| A well at this location will spud into  | a thin soil developed on Quaternary Slope Wash covering the Cretaceous age   |
| Blue Gate Member of the Mancos Sl   | hale. There are no aquifers with high quality ground water that are likely to be   |
| encountered. The proposed casing  | and cement program will adequately isolate any zones of water penetrated.  |
|   | iled by the operator on underground sources of water within a mile of this   |
| location.   |  |
| Reviewer: <u>Christoph</u>  | her J. Kierst Date: 1/31/06  |
| proposed well is grazing and wildlife roads and County maintained roads. direct area drains to the northeast, tow live water source. This is a trial with and/or PA wells are within a 1-mile recharacteristics, planned disturbances | of Price, Utah. The current surface use of the immediate area surrounding the habitat. Access to this well will be along existing ConocoPhillips gas field Approximately 1000' of new access road will be built for this location. The wards Miller Creek, then eastward eventually into the Price River, a year-round h "infield" drilling within the unit boundaries. 16 producing, shut-in, SWD, radius of the above proposed well. Location layout, current surface status and a access and utility route, and the reserve pit characteristics were all discussed. (ConocoPhillips), and Larry Jensen (NELCO) were in attendance. DWR and t chose not to attend. |
| Reviewer: Mark L.   | Jones Date: January 19, 2006   |

**Conditions of Approval/Application for Permit to Drill:** 

None.

### ON-SITE PREDRILL EVALUATION Division of Oil, Gas and Mining

**OPERATOR:** ConocoPhillips Company

WELL NAME & NUMBER: Utah 11-1159

**API NUMBER:** 43-007-31101

LEASE: State FIELD/UNIT: Drunkards Wash UTU-67921X

LOCATION: 1/4,1/4 SWSE Sec: 11 TWP: 15S RNG: 9E 211 FSL 2199 FEL

LEGAL WELL SITING: 460' from unit boundary and uncommitted tracts.

GPS COORD (UTM): X =510402 E; Y =4375230 N SURFACE OWNER: SITLA.

#### **PARTICIPANTS**

M. Jones (DOGM), Jim Davis (SITLA), Gilbert Vasquez (ConocoPhillips), and Larry Jensen (NELCO) were in attendance. DWR and Carbon County were also invited but chose not to attend.

### REGIONAL/LOCAL SETTING & TOPOGRAPHY

Proposed location is ~5 miles southwest of Price, Utah. The current surface use of the immediate area surrounding the proposed well is grazing and wildlife habitat. Access to this well will be along existing ConocoPhillips gas field roads and County maintained roads. Approximately 1000' of new access road will be built for this location. The direct area drains to the northeast, towards Miller Creek, then eastward eventually into the Price River, a year-round live water source. Dry washes run through the immediate area of the proposed location.

#### SURFACE USE PLAN

CURRENT SURFACE USE: Grazing and wildlife habitat.

PROPOSED SURFACE DISTURBANCE: 175' x 235' w/ 50' x 50' x 10' (excluded) pit.

LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS: 16 producing, shutin, SWD, and/or PA wells are within a 1-mile radius of the above proposed well.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: On location and along roadway.

SOURCE OF CONSTRUCTION MATERIAL: Obtained locally and trucked to site.

ANCILLARY FACILITIES: None anticipated.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? (EXPLAIN): No.

#### WASTE MANAGEMENT PLAN:

Portable chemical toilets which will be emptied into the municipal waste treatment system; garbage cans on location will be emptied into

centralized dumpsters which will be emptied into an approved landfill. Crude oil production is unlikely. Drilling fluid, completion / frac fluid and cuttings will be buried in the pit after evaporation and slashing the pit liner. Produced water will be gathered to the evaporation pit and eventually injected into the Navajo Sandstone via a salt-water disposal well. Used oil from drilling operations and support is hauled to a used oil recycler and reused.

### ENVIRONMENTAL PARAMETERS

DOGM REPRESENTATIVE

| AFFECTED FLOODPLAINS AND/OR WETLANDS: Dry washes run throughout the immediate area. |
|---|
| FLORA/FAUNA: Sage, greasewood, cactus, 4-wing salt brush, grassesetc.               |
| SOIL TYPE AND CHARACTERISTICS: Clay loam.   |
| EROSION/SEDIMENTATION/STABILITY: Erosive upon disturbance.                          |
| PALEONTOLOGICAL POTENTIAL: None observed.   |
| RESERVE PIT   |
| CHARACTERISTICS: Dugout earthen, 50'x50'x10', exterior to location.                 |
| LINER REQUIREMENTS (Site Ranking Form attached): None required.                     |
| SURFACE RESTORATION/RECLAMATION PLAN  |
| As per surface use agreement.   |
| SURFACE AGREEMENT: With SITLA lease.  |
| CULTURAL RESOURCES/ARCHAEOLOGY: Completed by SencoPheonix.                          |
| OTHER OBSERVATIONS/COMMENTS   |
|   |
| Photos of this location were taken and placed on file.                              |
| Mark L. Jones January 18, 2006 / 11:40 am   |

DATE/TIME

| Site-Specific Factors                                   | Ranking  | Site Ranking |
|---|----------|--------------|
| Distance to Groundwater (feet) >200                     | 0        |              |
| 100 to 200<br>75 to 100                                 | 5<br>10  |              |
| 25 to 75<br><25 or recharge area                        | 15<br>20 | 0            |
| Distance to Surf. Water (feet)                          |          |              |
| >1000   | 0        |              |
| 300 to 1000<br>200 to 300                               | 2<br>10  |              |
| 100 to 200 < 100  | 15<br>20 | 0            |
| Distance to Nearest Municipal                           |          |              |
| Well (feet)<br>>5280                                    | 0        |              |
| 1320 to 5280  | 0<br>5   |              |
| 500 to 1320<br><500                                     | 10<br>20 | 0            |
|   | 2.0      | 0            |
| Distance to Other Wells (feet) >1320                    | 0        |              |
| 300 to 1320<br><300                                     | 10<br>20 | 0            |
|   | 20       | 0            |
| Native Soil Type Low permeability                       | 0        |              |
| Mod. permeability<br>High permeability                  | 10<br>20 | 0            |
|   | 20       | 0            |
| Fluid Type Air/mist                                     | 0        |              |
| Fresh Water<br>TDS >5000 and <10000                     | 5<br>10  |              |
| TDS >10000 or Oil Base Mud Fluid                        | 15       |              |
| containing significant levels of hazardous constituents | 20       | 0            |
| Drill Cuttings  |          |              |
| Normal Rock   | 0        |              |
| Salt or detrimental                                     | 10       | 0            |
| Annual Precipitation (inches) <10                       | 0        |              |
| 10 to 20  | 5        |              |
| >20   | 10       | 5            |
| Affected Populations <10                                | 0        |              |
| 10 to 30  | 6        |              |
| 30 to 50<br>>50   | 8<br>10  | 0            |
| Presence of Nearby Utility                              |          |              |
| Conduits  |          |              |
| Not Present<br>Unknown                                  | 0<br>10  |              |
| Present   | 15       | 0            |
|   |          |              |
|   |          |              |

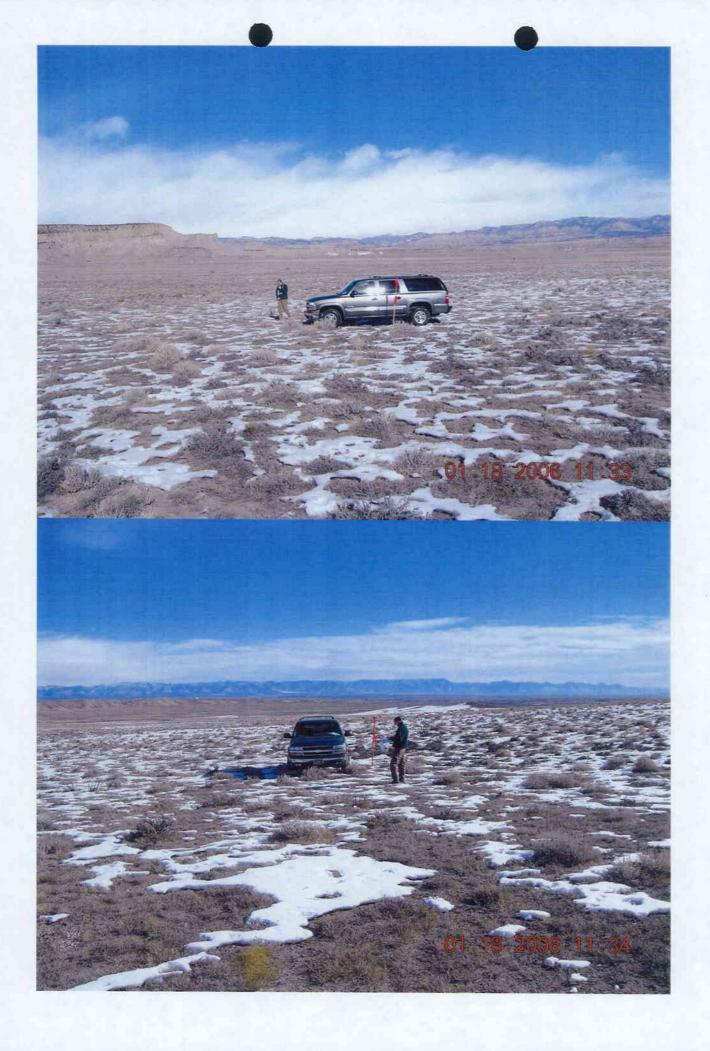
Sensitivity Level I = 20 or more; total containment is required, consider criteria for excluding pit use. Sensitivity Level II = 15-19; lining is discretionary.

5\_\_\_

(Level \_\_III Sensitivity)

Sensitivity Level III = below 15; no specific lining is required.

Final Score





State Online S

State Online Services ) Agency List

Business.utah.gov

Search Utah.gov GO

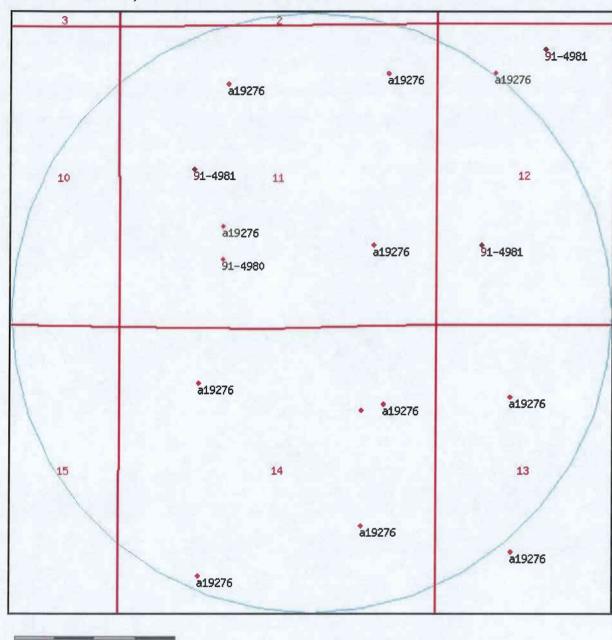
### UTAH DIVISION OF WATER RIGHTS

### **WRPLAT Program Output Listing**

Version: 2004.12.30.00

Rundate: 02/01/2006 08:54 AM

Radius search of 5280 feet from a point N211 W2199 from the SE corner, section 11, Township 15S, Range 9E, SL b&m Criteria:wrtypes=W,C,E podtypes=S,U,D,Sp,P status=U,A,P usetypes=all



0 700 1400 2100 2800 ft

### Water Rights

| WR<br>Number   | Diversion<br>Type/Location     | Well<br>Log | Status | Priority | Uses   | CFS   | ACFT  | Owner Name             |
|----------------|--------------------------------|-------------|--------|----------|--------|-------|-------|------------------------|
| 91-4952        | Underground                    |             | A      | 19930623 | IMOS   | 5.000 | 0.000 | CONOCOPHILLIPS COMPANY |
|                | N907 E1392 SW 14<br>15S 9E SL  |             |        |          |        |       |       | P. O. BOX 851          |
| 91-4952        | Underground                    |             | A      | 19930623 | IMOS   | 5.000 | 0.000 | CONOCOPHILLIPS COMPANY |
|                | S980 E1385 NW 14<br>15S 9E SL  |             |        |          |        |       |       | P. O. BOX 851          |
| 91-4952        | Underground                    |             | A      | 19930623 | IMOS   | 5.000 | 0.000 | CONOCOPHILLIPS COMPANY |
|                | N1780 E1800 SW 11<br>15S 9E SL |             |        |          |        |       |       | P. O. BOX 851          |
| 91-4952        | Underground                    |             | A      | 19930623 | IMOS   | 5.000 | 0.000 | CONOCOPHILLIPS COMPANY |
|                | S1000 E1900 NW 11<br>15S 9E SL |             |        |          |        |       |       | P. O. BOX 851          |
| 91-4952        | Underground                    |             | Α      | 19930623 | IMOS   | 5.000 | 0.000 | CONOCOPHILLIPS COMPANY |
|                | N1780 W1320 SE 14<br>15S 9E SL |             |        |          |        |       |       | P. O. BOX 851          |
| <u>91-4952</u> | Underground                    |             | A      | 19930623 | IMOS   | 5.000 | 0.000 | CONOCOPHILLIPS COMPANY |
|                | S1500 W1320 SW 12<br>15S 9E SL |             |        |          |        |       |       | P. O. BOX 851          |
| 91-4952        | Underground                    |             | A      | 19930623 | IMOS   | 5.000 | 0.000 | CONOCOPHILLIPS COMPANY |
|                | N1400 W1100 SE 11<br>15S 9E SL |             |        |          |        |       |       | P. O. BOX 851          |
| 91-4952        | Underground                    |             | A      | 19930623 | IMOS   | 5.000 | 0.000 | CONOCOPHILLIPS COMPANY |
|                | S1386 W931 NE 14<br>15S 9E SL  |             |        |          |        |       |       | P. O. BOX 851          |
| 91-4952        | Underground                    |             | A      | 19930623 | IMOS . | 5.000 | 0.000 | CONOCOPHILLIPS COMPANY |
|                | S860 W860 NE 11<br>15S 9E SL   |             |        |          |        |       |       | P. O. BOX 851          |
| 91-4952        | Underground                    |             | A      | 19930623 | IMOS : | 5.000 | 0.000 | CONOCOPHILLIPS COMPANY |
|                | S875 E1015 NW 12<br>15S 9E SL  |             |        |          |        |       |       | P. O. BOX 851          |
| 91-4952        | Underground                    |             | A      | 19930623 | MOS :  | 5.000 | 0.000 | CONOCOPHILLIPS COMPANY |
|                | S1276 E1301 NW 13<br>15S 9E SL |             |        |          |        |       |       | P. O. BOX 851          |

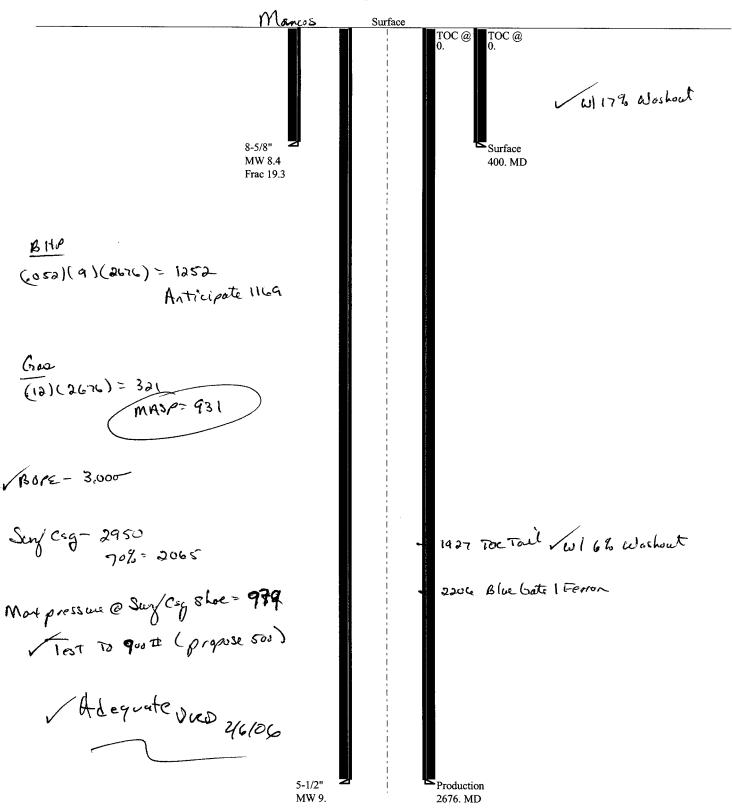
| Underground                    | A   | 19930623 IMOS  | 5.000 0.000   | CONOCOPHILLIPS COMPANY   |
|--------------------------------|---|--|---|--|
|                                |   |  |   | P. O. BOX 851  |
| Surface                        | A   | 19960126 S   | 0.000 4.730   | UTAH SCHOOL AND<br>INSTITUTIONAL TRUST LANDS<br>ADMIN.   |
| N1200 E1800 SW 11<br>15S 9E SL |   |  |   | 675 EAST 500 SOUTH, 5TH FLOOR  |
| Surface                        | A   | 19951127 S   | 0.000 4.730   | UTAH SCHOOL AND<br>INSTITUTIONAL TRUST LANDS<br>ADMIN.   |
| S2500 E1300 NW 11<br>15S 9E SL |   |  |   | 675 EAST 500 SOUTH, 5TH FLOOR  |
| Surface                        | A   | 19951127 S   | 0.000 4.730   | UTAH SCHOOL AND<br>INSTITUTIONAL TRUST LANDS<br>ADMIN.   |
| N1400 E800 SW 12<br>15S 9E SL  |   |  |   | 675 EAST 500 SOUTH, 5TH FLOOR  |
| Surface                        | A   | 19951127 S   | 0.000 4.730   | UTAH SCHOOL AND<br>INSTITUTIONAL TRUST LANDS<br>ADMIN.   |
| S450 E1900 NW 12<br>15S 9E SL  |   |  |   | 675 EAST 500 SOUTH, 5TH FLOOR  |
| Underground                    | A   | 19950831 IMS   | 5.000 0.000   | CONOCOPHILLIPS COMPANY   |
| N907 E1392 SW 14<br>15S 9E SL  |   |  |   | P. O. BOX 851  |
| Underground                    | A   | 19950831 IMS   | 5.000 0.000   | CONOCOPHILLIPS COMPANY   |
| 15S 9E SL                      |   |  |   | P. O. BOX 851  |
| Underground                    | A   | 19950831 IMS   | 5.000 0.000   | CONOCOPHILLIPS COMPANY   |
| 15S 9E SL                      |   |  |   | P. O. BOX 851  |
| Underground                    | A   | 19950831 IMS   | 5.000 0.000   | CONOCOPHILLIPS COMPANY   |
| 15S 9E SL                      |   |  |   | P. O. BOX 851  |
| Underground                    | A   | 19950831 IMS   | 5.000 0.000   | CONOCOPHILLIPS COMPANY   |
|                                | N1320 E1320 SW 13 15S 9E SL  Surface  N1200 E1800 SW 11 15S 9E SL  Surface  S2500 E1300 NW 11 15S 9E SL  Surface  N1400 E800 SW 12 15S 9E SL  Surface  S450 E1900 NW 12 15S 9E SL  Underground N907 E1392 SW 14 15S 9E SL  Underground S980 E1385 NW 14 15S 9E SL  Underground N1780 E1800 SW 11 15S 9E SL  Underground S1000 E1900 NW 11 15S 9E SL | N1320 E1320 SW 13 15S 9E SL  Surface A  N1200 E1800 SW 11 15S 9E SL  Surface A  S2500 E1300 NW 11 15S 9E SL  Surface A  N1400 E800 SW 12 15S 9E SL  Surface A  S450 E1900 NW 12 15S 9E SL  Underground A N907 E1392 SW 14 15S 9E SL  Underground A S980 E1385 NW 14 15S 9E SL  Underground A N1780 E1800 SW 11 15S 9E SL  Underground A N1780 E1800 SW 11 15S 9E SL  Underground A S1000 E1900 NW 11 15S 9E SL | N1320 E1320 SW 13 15S 9E SL  Surface A 19960126 S  N1200 E1800 SW 11 15S 9E SL  Surface A 19951127 S  S2500 E1300 NW 11 15S 9E SL  Surface A 19951127 S  N1400 E800 SW 12 15S 9E SL  Surface A 19951127 S  N1400 E800 SW 12 15S 9E SL  Underground A 19950831 IMS N907 E1392 SW 14 15S 9E SL  Underground A 19950831 IMS S980 E1385 NW 14 15S 9E SL  Underground A 19950831 IMS N1780 E1800 SW 11 15S 9E SL  Underground A 19950831 IMS N1780 E1800 SW 11 15S 9E SL  Underground A 19950831 IMS N1780 E1800 SW 11 15S 9E SL  Underground A 19950831 IMS | N1320 E1320 SW 13 15S 9E SL  Surface A 19960126 S 0.000 4.730  N1200 E1800 SW 11 15S 9E SL  Surface A 19951127 S 0.000 4.730  S2500 E1300 NW 11 15S 9E SL  Surface A 19951127 S 0.000 4.730  N1400 E800 SW 12 15S 9E SL  Surface A 19951127 S 0.000 4.730  N1400 E800 SW 12 15S 9E SL  Surface A 19951127 S 0.000 4.730  S450 E1900 NW 12 15S 9E SL  Underground A 19950831 IMS 5.000 0.000  N907 E1392 SW 14 15S 9E SL  Underground A 19950831 IMS 5.000 0.000  S980 E1385 NW 14 15S 9E SL  Underground A 19950831 IMS 5.000 0.000  N1780 E1800 SW 11 15S 9E SL  Underground A 19950831 IMS 5.000 0.000  N1780 E1800 SW 11 15S 9E SL  Underground A 19950831 IMS 5.000 0.000  S1000 E1900 NW 11 15S 9E SL |

|               | 371 = 0.0 7774 6 6 0 073 4 4   |   |              |             |                        |
|---------------|--------------------------------|---|--------------|-------------|------------------------|
|               | N1780 W1320 SE 14<br>15S 9E SL |   |              |             | P. O. BOX 851          |
| <u>a19276</u> | Underground                    | A | 19950831 IMS | 5.000 0.000 | CONOCOPHILLIPS COMPANY |
|               | S1500 W1320 SW 12<br>15S 9E SL |   |              |             | P. O. BOX 851          |
| <u>a19276</u> | Underground                    | A | 19950831 IMS | 5.000 0.000 | CONOCOPHILLIPS COMPANY |
|               | N1400 W1100 SE 11<br>15S 9E SL |   |              |             | P. O. BOX 851          |
| <u>a19276</u> | Underground                    | A | 19950831 IMS | 5.000 0.000 | CONOCOPHILLIPS COMPANY |
|               | S1386 W931 NE 14<br>15S 9E SL  |   |              |             | P. O. BOX 851          |
| <u>a19276</u> | Underground                    | A | 19950831 IMS | 5.000 0.000 | CONOCOPHILLIPS COMPANY |
|               | S860 W860 NE 11<br>15S 9E SL   |   |              |             | P. O. BOX 851          |
| <u>a19276</u> | Underground                    | A | 19950831 IMS | 5.000 0.000 | CONOCOPHILLIPS COMPANY |
|               | S875 E1015 NW 12<br>15S 9E SL  |   |              |             | P. O. BOX 851          |
| <u>a19276</u> | Underground                    | A | 19950831 IMS | 5.000 0.000 | CONOCOPHILLIPS COMPANY |
|               | S1276 E1301 NW 13<br>15S 9E SL |   |              |             | P. O. BOX 851          |
| <u>a19276</u> | Underground                    | A | 19950831 IMS | 5.000 0.000 | CONOCOPHILLIPS COMPANY |
|               | N1320 E1320 SW 13<br>15S 9E SL |   |              |             | P. O. BOX 851          |

Natural Resources | Contact | Disclaimer | Privacy Policy | Accessibility Policy

### 02-06 ConocoPhillips Utah 1 1159

Casing Schematic



Well name:

02-06 ConocoPhillips Utah 11-1159

Operator:

**ConocoPhillps Company** 

String type:

Surface

Project ID:

43-007-31101

Location:

Carbon County

Minimum design factors: **Environment:** 

Collapse Collapse:

Mud weight: 8.400 ppg Design is based on evacuated pipe.

Design factor 1.125 H2S considered?

No Surface temperature: 65 °F

Bottom hole temperature: 71 °F Temperature gradient: 1.40 °F/100ft

Minimum section length:

250 ft

**Burst:** 

Design factor

1.00

1.80 (J)

350 ft

Cement top:

0 ft

**Burst** 

Max anticipated surface

No backup mud specified.

pressure:

352 psi

Internal gradient: Calculated BHP

**Design parameters:** 

0.120 psi/ft 400 psi

Tension:

Neutral point:

8 Round STC: 8 Round LTC:

1.80 (J) 1.60 (J) **Buttress:** Premium: 1.50 (J)

1.50 (B) Body yield: Tension is based on buoyed weight. Re subsequent strings:

Non-directional string.

Next setting depth: Next mud weight: Next setting BHP:

2.676 ft 9.000 ppg 1,251 psi

Fracture mud wt: Fracture depth: Injection pressure 19.250 ppg 400 ft 400 psi

| Run<br>Seq | Segment<br>Length<br>(ft) | Size<br>(in)                  | Nominal<br>Weight<br>(lbs/ft) | Grade                  | End<br>Finish              | True Vert<br>Depth<br>(ft) | Measured<br>Depth<br>(ft) | Drift<br>Diameter<br>(in)     | Internal<br>Capacity<br>(ft³) |
|------------|---------------------------|-------------------------------|-------------------------------|------------------------|----------------------------|----------------------------|---------------------------|-------------------------------|-------------------------------|
| 1          | 400                       | 8.625                         | 24.00                         | J-55                   | ST&C                       | 400                        | 400                       | 7.972                         | 19.3                          |
| Run<br>Seq | Collapse<br>Load<br>(psi) | Collapse<br>Strength<br>(psi) | Collapse<br>Design<br>Factor  | Burst<br>Load<br>(psi) | Burst<br>Strength<br>(psi) | Burst<br>Design<br>Factor  | Tension<br>Load<br>(Kips) | Tension<br>Strength<br>(Kips) | Tension<br>Design<br>Factor   |
| 1          |                           | <br>1370                      | 7.849                         | 400                    | 2950                       | 7.37                       | 8                         | 244                           | 29.08.1                       |

Prepared

Clinton Dworshak

Utah Div. of Oil & Mining

Phone: 801-538-5280 FAX: 810-359-3940

Date: February 2,2006 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 400 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name: 02-06 ConocoPhillips Utah 11-1159

Operator: ConocoPhillps Company

String type: Production Project ID: 43-007-31101

Location: Carbon County

Design parameters:
Collapse

Mud weight: 9.000 ppg
Design is based on evacuated pipe.

Minimum design factors: Environment: Collapse: H2S considered?

Collapse:H2S considered?NoDesign factor1.125Surface temperature:65 °FBottom hole temperature:102 °FTemperature gradient:1.40 °F/100ft

Minimum section length: 1,500 ft

Non-directional string.

Burst:

Design factor 1.00 Cement top: Surface

<u>Burst</u>

Max anticipated surface

pressure: 930 psi nternal gradient: 0.120 psi/ft

Internal gradient: 0.120 psi/ Calculated BHP 1,251 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J) 8 Round LTC: 1.80 (J) Buttress: 1.60 (J)

Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight. Neutral point: 2,311 ft

| Run<br>Seq | Segment<br>Length<br>(ft) | Size<br>(in)                  | Nominal<br>Weight<br>(lbs/ft) | Grade                  | End<br>Finish              | True Vert<br>Depth<br>(ft) | Measured<br>Depth<br>(ft) | Drift<br>Diameter<br>(in)     | Internal<br>Capacity<br>(ft³) |
|------------|---------------------------|-------------------------------|-------------------------------|------------------------|----------------------------|----------------------------|---------------------------|-------------------------------|-------------------------------|
| 1          | 2676                      | 5.5                           | 17.00                         | N-80                   | LT&C                       | 2676                       | 2676                      | 4.767                         | 92.2                          |
| Run<br>Seq | Collapse<br>Load<br>(psi) | Collapse<br>Strength<br>(psi) | Collapse<br>Design<br>Factor  | Burst<br>Load<br>(psi) | Burst<br>Strength<br>(psi) | Burst<br>Design<br>Factor  | Tension<br>Load<br>(Kips) | Tension<br>Strength<br>(Kips) | Tension<br>Design<br>Factor   |
| 1          | 1251                      | 6290                          | 5.028                         | 1251                   | 7740                       | 6.19                       | 39                        | 348                           | 8.86 J                        |

Prepared Clinton Dworshak

by: Utah Div. of Oil & Mining

Phone: 801-538-5280 FAX: 810-359-3940

Date: February 2,2006 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2676 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

From:

Ed Bonner

To:

Whitney, Diana

Date:

2/28/2006 4:02:30 PM

Subject:

Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

#### ConocoPhillips Company

Utah 26-1198

Utah 26-1197

Utah 13-1167

Utah 11-1157

Utah 11-1159

Utah 11-1158

Utah 07-1230

Utah 07-1229

Utah 06-1228

Utah 35-1080

Utah 26-1055

### Questar Exploration & Production

BZ 10ML-16-8-24

BZ 12ML-16-8-24

BZ 14ML-16-8-24

If you have any questions regarding this matter please give me a call.

CC:

Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil



State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director JON M. HUNTSMAN, JR. Governor

> GARY R. HERBERT Lieutenant Governor

> > February 28, 2006

ConocoPhillips Company P O Box 851 Price, UT 84501

Re: Utah 11-1159 Well, 211' FSL, 2199' FEL, SW SE, Sec. 11, T. 15 South, R. 9 East, Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-31101.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

Carbon County Assessor

SITLA

Bureau of Land Management, Moab District Office

| Operator:          | ConocoPhillips Company |  |
|--------------------|------------------------|--|
| Well Name & Number | Utah 11-1159           |  |
| API Number:        | 43-007-31101           |  |
| Lease:             | ML-39333               |  |
|                    |                        |  |

Location: SW SE

Sec. 11

T. 15 South

R. 9 East

### **Conditions of Approval**

### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

### 2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

#### **STATE OF UTAH**

| ·   | 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-39333        |  |  |  |
|---|---|--|--|--|
| SUNDRY  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:<br>N/A            |  |  |  |
| Do not use this form for proposals to drill n | 7. UNIT OF CA AGREEMENT NAME: Drunkards Wash UTU-67921X |  |  |  |
| 1. TYPE OF WELL OIL WELL                      |   |  | 8. WELL NAME and NUMBER:<br>Utah 11-1159   |  |
| 2. NAME OF OPERATOR: ConocoPhillips Company   |   |  | 9. API NUMBER:<br>4300731101   |  |
| 3. ADDRESS OF OPERATOR:                       |   | PHONE NUMBER:  | 10. FIELD AND POOL, OR WILDCAT:  |  |
| P.O. Box 51810  4. LOCATION OF WELL           | Y Midland STATE TX ZIP                                  | 79710-1810 (432) 688-6943                                  | Drunkards Wash   |  |
| FOOTAGES AT SURFACE: 211' F                   | SL & 2199' FEL  |  | COUNTY: Carbon   |  |
| QTR/QTR, SECTION, TOWNSHIP, RAN               | IGE, MERIDIAN: SWSE 11 15S 9                            |  | STATE: UTAH  |  |
| 11. CHECK APPI                                | ROPRIATE BOXES TO INDICAT                               | E NATURE OF NOTICE, REPOR                                  | RT, OR OTHER DATA  |  |
| TYPE OF SUBMISSION                            |   | TYPE OF ACTION   |  |  |
| NOTICE OF INTENT                              | ACIDIZE   | DEEPEN   | REPERFORATE CURRENT FORMATION  |  |
| (Submit in Duplicate)                         | ALTER CASING  | FRACTURE TREAT   | SIDETRACK TO REPAIR WELL   |  |
| Approximate date work will start:             | CASING REPAIR   | NEW CONSTRUCTION   | TEMPORARILY ABANDON  |  |
| 2/28/2007                                     | CHANGE TO PREVIOUS PLANS                                | OPERATOR CHANGE  | TUBING REPAIR  |  |
|   | CHANGE TUBING   | PLUG AND ABANDON   | VENT OR FLARE  |  |
| SUBSEQUENT REPORT (Submit Original Form Only) | CHANGE WELL NAME  | PLUG BACK  | WATER DISPOSAL   |  |
| Date of work completion:                      | CHANGE WELL STATUS                                      | PRODUCTION (START/RESUME)                                  | WATER SHUT-OFF   |  |
|   | COMMINGLE PRODUCING FORMATIONS                          | RECLAMATION OF WELL SITE                                   | ✓ отнея: Permit Renewal  |  |
|   | CONVERT WELL TYPE                                       | RECOMPLETE - DIFFERENT FORMATION                           |  |  |
| ConocoPhillips Company                        |   |  | es, etc.  It to Drill for the referenced well be   |  |
| The location has been but                     | ilt for this well.                                      |  |  |  |
|   |   |  |  |  |
|   |   | Approved by the<br>Utah Division of<br>Oil, Gas and Mining |  |  |
|   |   | Date: 02-07-07  By:  | ORY SENT TO ORLUS  (1) 10 ORLUS  (1) 10 ORLUS  (1) 10 ORLUS  (1) ORY SENT TO ORLUS  (1) OR ORLUS  (1) |  |
| NAME (PLEASE PRINT) DONNA W                   | illiams   | TITLE Sr. Regulatory Ar                                    | nalyst   |  |
| SIGNATURE                                     | uu)   | DATE 3/5/07  |  |  |

(This space for State use only)

**RECEIVED** FEB 0 7 2007

### Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

43-007-31101

API:

| Well Name: Utah 11-1159 Location: SW/4 SE/4 Section 11, T15S, R9E Company Permit Issued to: ConocoPhillips Compan Date Original Permit Issued: 2/28/2006        | y   |
|---|---|
| The undersigned as owner with legal rights to drill on above, hereby verifies that the information as submapproved application to drill, remains valid and does | litted in the previously                            |
| Following is a checklist of some items related to the verified.   | application, which should be                        |
| If located on private land, has the ownership changagereement been updated? Yes ☐ No ☑  | ed, if so, has the surface                          |
| Have any wells been drilled in the vicinity of the prothe spacing or siting requirements for this location?   |   |
| Has there been any unit or other agreements put in permitting or operation of this proposed well? Yes   | •   |
| Have there been any changes to the access route i of-way, which could affect the proposed location? Y   |   |
| Has the approved source of water for drilling chang   | ed? Yes□No☑   |
| Have there been any physical changes to the surfaction whill require a change in plans from what was evaluation? Yes□No☑  | ce location or access route discussed at the onsite |
| Is bonding still in place, which covers this proposed   | l well? Yes⊠No□                                     |
|   | 1/28/2007   |
| Signature   | Date  |
| Title: Sr. Regulatory Analyst   |   |
| Representing: ConocoPhillips Company  |   |
|   | <br>RECEIVED  |
|   |   |

) FEB 0 7 2007

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

| F | റ | R | М | Ç |
|---|---|---|---|---|

|  | STATE OF UTAH DEPARTMENT OF NATURAL RESO   | NIBCES                     | AAUPIR   | FORM 9   |
|--|--|----------------------------|--|--|
|  | DIVISION OF OIL, GAS AND   |                            |  | 5 LEASE DESIGNATION AND SERIAL NUMBER: ML-39333                        |
| SUNDRY   | NOTICES AND REPOR  | TS ON WEI                  | LS   | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:                                  |
| Do not use this form for proposals to drill n<br>drill horizontal la | 7. UNIT of CA AGREEMENT NAME: Drunkards Wash UTU-67921X  |                            |  |  |
| 1. TYPE OF WELL OIL WELL   | GAS WELL 🗸 OTHER   | R                          |  | 8. WELL NAME and NUMBER:<br>Utah 11-1159                               |
| 2. NAME OF OPERATOR:  ConocoPhillips Company                         |  |                            |  | 9. API NUMBER:<br>4300731101   |
| 3. ADDRESS OF OPERATOR:<br>P. O. Box 51810                           | Y Midland STATE TX   | <sub>ZIP</sub> 79710       | PHONE NUMBER: (432) 688-6943                   | 10. FIELD AND POOL, OR WILDCAT:  Drunkards Wash                        |
| 4. LOCATION OF WELL  | PETERTAL LET   | ZIF                        |  | is also astronos de comenciones en |
| FOOTAGES AT SURFACE: 211'F   | SL & 2199' FEL   |                            |  | COUNTY: Carbon   |
| QTR/QTR, SECTION, TOWNSHIP, RAN                                      | IGE, MERIDIAN: SWSE 11 15S   | 9E                         |  | STATE: UTAH  |
| 11. CHECK APPR   | ROPRIATE BOXES TO INDICA   | ATE NATURE                 | OF NOTICE, REPO                                | ORT, OR OTHER DATA   |
| TYPE OF SUBMISSION   |  | 7                          | YPE OF ACTION                                  |  |
| NOTICE OF INTENT   | ACIDIZE  | DEEPEN                     |  | REPERFORATE CURRENT FORMATION  |
| (Submit in Duplicate)  Approximate date work will start:             | ALTER CASING  CASING REPAIR  | FRACTURE NEW CON           | STRUCTION                                      | SIDETRACK TO REPAIR WELL  TEMPORARILY ABANDON                          |
| 2/7/2008   | CHANGE TO PREVIOUS PLANS   | OPERATO                    | R CHANGE                                       | TUBING REPAIR  |
|  | CHANGE TUBING  | PLUG AND                   | ABANDON  | VENT OR FLARE  |
| SUBSEQUENT REPORT (Submit Original Form Only)                        | CHANGE WELL NAME   | CHANGE WELL NAME PLUG BACK |  |  |
| Date of work completion:   | CHANGE WELL STATUS   | <u></u>                    | ION (START/RESUME)                             | WATER SHUT-OFF   |
|  | COMMINGLE PRODUCING FORMATION  CONVERT WELL TYPE   | =                          | TION OF WELL SITE<br>ETE - DIFFERENT FORMATION | ✓ other: Permit Renewal  |
| 40 0500005 0500050 05 05   | DMPLETED OPERATIONS. Clearly show a  |                            |  |  |
|  | respectfully requests that the a<br>proval will expire on February 7<br>Approved<br>Utah Div<br>Oil, Gas a | d by the                   | Application for Perm                           | nit to Drill for the referenced well be                                |
| NAME (PLEASE PRINT) Donna Wil  | Date: Ol-  | 4-98                       | Sr. Regulatory S                               | COPY SENT TO OPERATOR Date: 1-16-2008 Initiate: LS                     |
| SIGNATURE  | hut -  | DA <sup>-</sup>            | TE 1/7/2008                                    |  |
| This space for State use only)                                       |  |                            | -  | RECEIVED   |
| •  |  |                            |  | JAN 1 1 2008   |

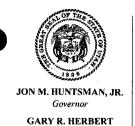


# Application for Permit to Drill Request for Permit Extension

Validation
(this form should accompany the Sundry Notice requesting permit extension)

| API: 4300731101  Well Name: Utah 11-1159  Location: SWSE Sec 11, T15S, R9E, Ca  Company Permit Issued to: Conocol  Date Original Permit Issued: 2/28/200 | Phillips Company  |  |  |  |  |  |
|--|---|--|--|--|--|--|
| The undersigned as owner with legal riabove, hereby verifies that the informa approved application to drill, remains v                                   | •   |  |  |  |  |  |
| Following is a checklist of some items verified.   | related to the application, which should be                                   |  |  |  |  |  |
| f located on private land, has the owne<br>agreement been updated? Yes⊡No☑   | · · · · · · · · · · · · · · · · · · ·   |  |  |  |  |  |
| Have any wells been drilled in the vicin<br>the spacing or siting requirements for t   | nity of the proposed well which would affect his location? Yes⊡ No ☑          |  |  |  |  |  |
| Has there been any unit or other agree<br>permitting or operation of this proposed   | ements put in place that could affect the<br>d well? Yes⊡ No ☑                |  |  |  |  |  |
| Have there been any changes to the access route including ownership, or right-<br>of-way, which could affect the proposed location? Yes ☐ No ☑           |   |  |  |  |  |  |
| Has the approved source of water for c   | Irilling changed? Yes□No☑   |  |  |  |  |  |
| Have there been any physical changes which will require a change in plans froevaluation? Yes□No☑   | to the surface location or access route<br>m what was discussed at the onsite |  |  |  |  |  |
| s bonding still in place, which covers th  | nis proposed well? Yes ☑ No □   |  |  |  |  |  |
| Mus  | 1/7/2008  |  |  |  |  |  |
| Signature  | Date  |  |  |  |  |  |
| Fitle: Sr. Regulatory Specialist   |   |  |  |  |  |  |
| Representing: ConocoPhillips Company   | DECENTED  |  |  |  |  |  |
|  | RECEIVED  |  |  |  |  |  |

JAN 1 1 2008



Lieutenant Governor

### State of Utah

#### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA

February 2, 2009

ConocoPhillips Company P O Box 851 Price, UT 84501

Re:

APD Rescinded - Utah 11-1159, Sec. 11, T. 15S, R. 9E

Carbon County, Utah API No. 43-007-31101

### Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on February 28, 2006. On February 7, 2007 and January 14, 2008 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective February 2, 2009.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

Environmental Scientist

cc: Well File

SITLA, Ed Bonner

